

INTERNATIONAL SEARCH REPORT

International Application No
PCT/DK2004/000888A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B01J2/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B01J B05D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 789 027 A (WATKINS ET AL) 4 August 1998 (1998-08-04) column 1, line 53 - column 2, line 13 -----	1-77, 79-138
X	FR 2 791 580 A (CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS) 6 October 2000 (2000-10-06) page 3, line 9 - page 5, line 9 -----	1
X	US 6 426 116 B1 (SUNOL AYDIN K) 30 July 2002 (2002-07-30) column 1, line 66 - column 3, line 35 -----	1
X	DE 102 33 864 A1 (MESSER GRIESHEIM GMBH) 17 July 2003 (2003-07-17) paragraph [0007] - paragraph [0021] ----- -/--	1

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

14 June 2005

Date of mailing of the international search report

06. 09. 2005

Name and mailing address of the ISA

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Intern:	Application No
PCT/DK2004/000888	

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/057367 A (AEROGEL COMPOSITE, LLC; UNIVERSITY OF CONNECTICUT) 17 July 2003 (2003-07-17) paragraph [0015] - paragraph [0047] -----	1
A	US 6 056 791 A (WEIDNER ET AL) 2 May 2000 (2000-05-02) column 7, line 6 - column 8, line 47 -----	1

INTERNATIONAL SEARCH REPORT

International application No.
PCT/DK2004/000888

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-77, 79-138, 143-147

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-77,79-138, 143-147

a method of producing a fine particle comprising introducing one or more substances contained in a supercritical fluid into a vessel comprising a material, causing said substances to precipitate as primary particles on the surface of said material and a product obtainable according to the method

2. claims: 139-142

a tape cast, for tape casting, comprising particles deposited on a carrier film, wherein said primary particles have an average diameter of less than 100 nanometer, an narrow size distribution around the average diameter characterized by having a maximum standard deviation of said distribution of maximum 20 nanometer

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/DK2004/000888

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5789027	A	04-08-1998	NONE	

FR 2791580	A	06-10-2000	FR 2791580 A1	06-10-2000
			EP 1165223 A1	02-01-2002
			WO 0059622 A1	12-10-2000
			JP 2002541320 T	03-12-2002
			US 2003203207 A1	30-10-2003
			US 6592938 B1	15-07-2003

US 6426116	B1	30-07-2002	AU 1995299 A	03-05-1999
			CA 2306215 A1	22-04-1999
			EP 1028820 A1	23-08-2000
			WO 9919085 A1	22-04-1999

DE 10233864	A1	17-07-2003	NONE	

WO 03057367	A	17-07-2003	AU 2002358277 A1	24-07-2003
			CN 1617765 A	18-05-2005
			EP 1494807 A2	12-01-2005
			WO 03057367 A2	17-07-2003
			US 2004029982 A1	12-02-2004

US 6056791	A	02-05-2000	SI 9400079 A	31-10-1995
			AT 159184 T	15-11-1997
			CA 2182786 A1	17-08-1995
			DE 59500808 D1	20-11-1997
			DK 744992 T3	02-06-1998
			WO 9521688 A1	17-08-1995
			EP 0744992 A1	04-12-1996
			ES 2109095 T3	01-01-1998
			GR 3025495 T3	27-02-1998
			JP 3510262 B2	22-03-2004
			JP 9508851 T	09-09-1997
